

## **Experiment C**

## Becks Sample 1

①

SAMPLE : Becks / Commercial Beer

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.5

## Becks Sample 2

2

SAMPLE: Becks / Dunhove, Calcium citrate only.

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8.

+0.3.

## Becks Sample 3

3

SAMPLE: Becks / Dunhove, Calcium citrate + (Zn + Fe)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOOR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8  
+ 0.3

## Becks Sample 4

8

SAMPLE: Beck's / Lindon

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOOR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.5

## Becks Sample 5

5

SAMPLE: Becks / Costa

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUSSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ERTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT
			(see notes)		

Comments:

pH 5.0  
(+0.5)

## Becks Sample 6

6

SAMPLE: Becks / Dunhove, Lindon, Costa: Combined.

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOOR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNÉSIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments: Calcium carbonate did not play in relation  
 pH 4.7 not an acceptable taste component!  
 (+0.2)

pH 4.7

# Heineken Sample 1

①

SAMPLE : Heineken / Commercial Beer

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7



# Heineken Sample 2

2

SAMPLE: Heineken / Dorn-Lowe Car Extract only

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8  
(+0.1)

# Heineken Sample 3

13

SAMPLE : Heineken / Dunhove Ca Citrate + (2nt Fe)

COMPONENT	RATING.				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8  
(±0.1)

# Heineken Sample 4

4

SAMPLE: Heineken / London

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOOR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7

# Heineken Sample 5

5

SAMPLE : Heineken / Costa

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUISIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUISIVE
4	SARTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SARTINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUISIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 5.0  
(+0.3)

# Heineken Sample 6

6

SAMPLE : Heineken / Dunhove + Lindan + Costa combined

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELSSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELSSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELSSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.8  
(+0.1)

# Guinness Sample 1

①

SAMPLE : Guinness / Commercial Beert.

COMPONENT	RATING.				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPELUSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPELUSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments :

pH 4.5

# Guinness Sample 2

2

SAMPLE : Guinness / Dunhouse Caramelization only.

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, ZOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8  
(±0.3)

## Guinness Sample 3

SAMPLE : Guinness / Dunhowe, Calcium citrate + (Zn + Fe)

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTY
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.8  
(+0.3)



## Guinness Sample 4

(4)

SAMPLE : Guinness / London

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC/MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EARTHY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTERTASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.5

## Guinness Sample 5

5

SAMPLE : Guinness / Costa

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPULSIVE
2	MALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALTY
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNETIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETHEREAL
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPULSIVE
12	PERSISTENCE OF AFTERTASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 5.2  
(+ 0.7)

# Guinness Sample 6

16

SAMPLE : Guinness / Denhouse, Lindan, Costa; Cornubie

COMPONENT	RATING				
1	AROMA				
	ABSENT	WEAK	ACCEPTABLE	EXCESSIVE	REPUSSIVE
2	MALTINGS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
3	BITTERNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
4	SALTINESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	SALINE
5	SWEETNESS				
	ABSENT	WEAK	ACCEPTABLE	STRONG	EXCESSIVE
6	BODY				
	VERY WEAK	WEAK	ACCEPTABLE	STRONG	HEAVY
7	CARAMEL (BURNT, TOASTY)				
	ABSENT	WEAK	ACCEPTABLE	STRONG	BURNT
8	SOURNESS (ACIDITY)				
	ABSENT	WEAK	ACCEPTABLE	SOUR	ACIDIC
9	'MINERAL' SENSATION				
	ABSENT	WEAK	ACCEPTABLE	STRONG	METALLIC
10	CALCIC / MAGNESIC				
	ABSENT	WEAK	ACCEPTABLE	STRONG	ETRIFY
11	INITIAL MOUTHFEEL				
	ABSENT	WEAK	ACCEPTABLE	STRONG	REPUSSIVE
12	PERSISTENCE OF AFTER TASTE				
	ABSENT	SHORT	ACCEPTABLE	TOO EXTENDED	PERSISTENT

Comments:

pH 4.7  
(+0.2)